Each⁻

20 Um:

: LUG BRACKET

: D3046041

: N/A

: B

. D3046 REV. B

: 12/23/2006

Tuesday, 12/5/2006 8:01:57 AM

✓ User:

Kim Johnston

Process Sheet

Drawing Name

Part Number

Material

Due Date

Description:

Drawing Number

Project Number

Drawing Revision

Customer

: CU-DAR001 Dart Helicopters Services

Job Number **Estimate Number** : 29749

P.O. Number

: 10364

This Issue

: 12/5/2006

: NC

Prsht Rev. First Issue

: //

S.O. No. :

: 29696

: SMALL /MED FAB Type

Previous Run Written By

Checked & Approved By

Comment

: Est: A 01.08

Per revB, EC

est: B 06.11.30

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Lug Bracket

D30461 1.0



Comment: Qty.:

1.0000 Each(s)/Unit Total:

20.0000 Each(s)

LUG BRACKET

Part Number Qty D3046-1

Description

Batch

HOOK

Lug Bracket

29792

D30465 2.0

Comment: Qty.:

1.0000 Each(s)/Unit Total: 20.0000 Each(s)

LUG

Pick:

Qty Part Number

Description

Batch

D3046-5

Lug

3.0 LARGE FAB LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Weld assembly as per dwg D3046

Rod 17-4 M18774

INSPECT WORK TO CURRENT STEP

Comment: INSPECT WORK TO CURRENT STEP

5.0

4.0

QC9

QC5

VISUAL WELDING INSPECTION

Comment: VISUAL WELDING INSPECTION

Moc/10/08

16.12.08

Page 1

Form: rprocess

Dart Aerospace Ltd

W/O:		WORK ORDER CH	ANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #: Fault Category:	NCR: Yes	No DQ	A: []	Date:⊘	-110/22

QA: N/C Closed: ____ Date: ____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B		Verification	Annaval	Ammental		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto		
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		•								
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NOTE: Date & initial all entries

Tuesday, 12/5/2006 8:01:58 AM Date: User: Kim Johnston **Process Sheet** Drawing Name: LUG BRACKET Customer: CU-DAR001 Dart Helicopters Services Part Number: D3046041 Job Number: 29749 Job Number: Description: Seq. #: Machine Or Operation: **PURCHASING** 6.0 PG Comment: PURCHASING C206/12/08 Issue P/O: 2666 Heat treat Ass'y as per Dwg D3046 (Heat treat ass'y to H900 hardened condition min 190 KSI) Possible Supplier: Vac-aero Certificate of conformity required PACKAGING RESOURCE #1 PACKAGING 1 7.0 Comment: PACKAGING RESOURCE #1 Receive & Inspect For Transit Damage L D 6:12.21 Ensure material certification is attached DIMENSIONAL CHECK 8.0 QC6 06,12-21 20 Comment: DIMENSIONAL CHECK Ensure certificate of conformity comply to Dwg D3046 POWDER COATING 9.0 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.2) as per QSI 005 4.3 10.0 QC3 Comment: INSPECT POWDER COAT Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 5/ QC21 12.0 Comment: FINAL INSPECTION/W/O RELEASE Cadd12/22 Job Completion

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector		
·									
Part No):	PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date:			

Part No:	PAR #:	_ Fault Category:	NCR: Yes No	DQA:	Date:	
			QA: N/C (closed:	Date:	

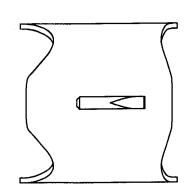
NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC	Corrective Action Section B			Verification	Approval	Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Action Description Sign &		Chief Eng	Approval QC Inspector		
							,			

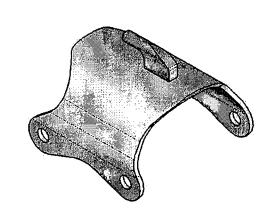
NOTE: Date & initial all entries

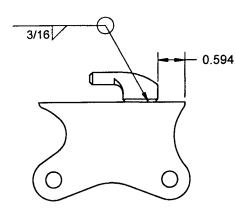


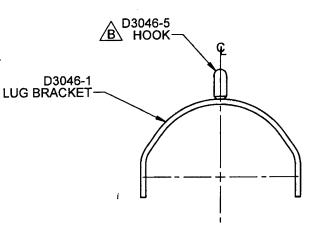
DESIG	N #	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECK	⟨ E D	APPROVED,	DRAWING NO.	REV. B
,	M. AIN		D3046 SHE	ET 1 OF 3
DATE			TITLE	SCALE
	06.1	10.26	LUG BRACKET ASSEMBLY	1:2
 REV		DATE	DESCRIPTION	
Α		01.08.23	NEW ISSUE	
В		06.10.26	ADD D3046-5 REMOVE D3046-3; INCREASE HOLE DIAMETER OF D3046-1; CHANGE MATERIAL TO 17-4PH FROM 101	0 STEEL

RELEASED









D3046-041 LUG BRACKET ASSEMBLY

	YT	P/N	DESCRIPTION
	Χ	D3046-041	GROUND HANDLING LUG ASSEMBLY
-	1	D3046-1	LUG BRACKET
◟┌	1	D3046-5	ноок

SHOP COPY RETURN TO ENGINEERING

NOTES:

- 1) FINISH: HEAT TREAT ASSEMBLY TO H900 HARDENED CONDITION (MIN 190 KSI) NTROLLED COPY
 POWDER COAT ASSEMBLY WHITE GLOSS (4.3.5.2) PER DART QSI 005 4.3
 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 3) ALL DIMENSIONS ARE IN INCHES
 4) WELD PER DART QSI 004
 5) PART IS SYMMETRICAL ABOUT ©
 6) IDENTIFY WITH PIN D3046-041 USING FINE POINT PERMANENT INCHES

6) IDENTIFY WITH P/N D3046-041 USING FINE POINT PERMANENT INK MARKER NO.

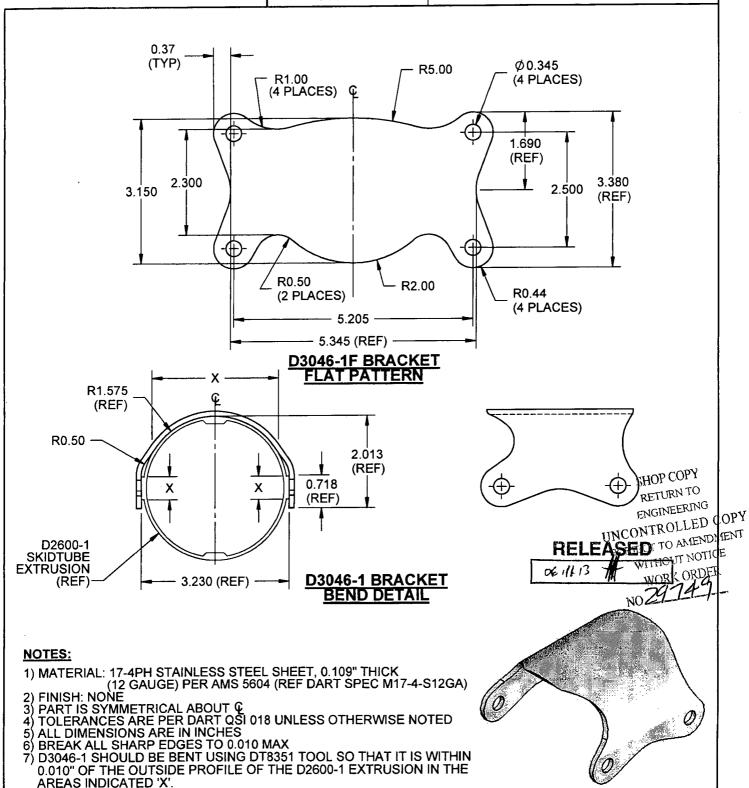
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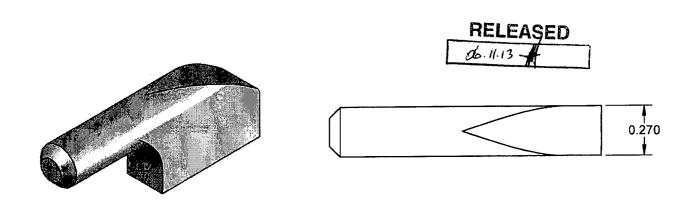
DESIGN #	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA)
CHECKED	APPROVED	DRAWING NO.	REV. B
Melk	78	D3046 sh	EET 2 OF 3
DATE		TITLE	SCALE
06.1	10.26	LUG BRACKET ASSEMBLY	1:2

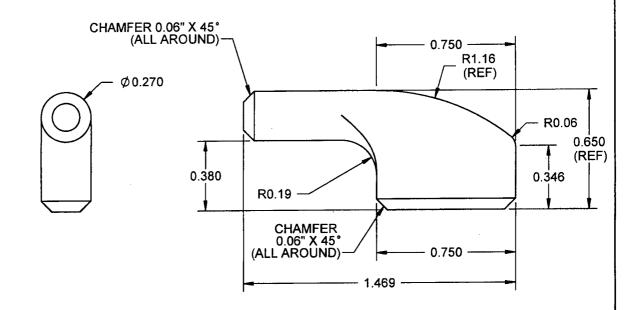


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DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA)
CHECKED	APPROVED /	DRAWING NO.	REV. B
Mek I	- At	D3046 sh	EET 3 OF 3
DATE		TITLE	SCALE
06.1	10.26	LUG BRACKET ASSEMBLY	2:1





D3046-5 HOOK B

SHOP COPY RETURN TO ENGINEERING

1) MATERIAL: 17-4PH STAINLESS STEEL BAR PER AMS 5604 OR AMS 56430NTROLLED COPY
(REF DART SPEC. M17-4-B)
2) FINISH: NONE

2) FINISH: NONE
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
4) ALL DIMENSIONS ARE IN INCHES
5) BREAK ALL SHARP EDGES TO 0.010 MAX

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PACKING SLIP

OAK 82323-1

HEAD OFFICE 1371 Speers Road, Oakville, Ontario CANADA L6L 2X5 Tel: (905) 827-4171 Fax: (905) 827-7489

QUEBEC DIVISION 7450 RUE VÉRITÉ STREET, ST. LAURENT, QUÉBEC CANADA H4S 1C5 Tel: (514) 334-4240 FAX: (514) 334-6269

GST No.: R105468102

12/19/2006

MM / DD / YYYY

PAGE:

1

1DAR01

BILL TO:

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SHIP TO: DART AEROSPACE LTD. 1270 ABERDEEN ST.

HAWKESBURY, ON

K6A 1K7

K6A 1K7

DATE SHIPPED	SHIP VIA	F.O.B.
12/19/2006		ORIGIN .
CUSTOMER P/O No.	JOB No.	TERMS
59048		COD

LN	PART NO	DESCRIPTION	иом	QTY ORDERED	QTY SHIPPED	B/O QTY
01	D3046	-041	EA	20	20	0
	Process Specificati HEAT TREATED TO H90 100% HARDNESS CHECK MATERIAL: 17-4 PH	0 COND. ((190 KSI)				
	B29749					
02	MC	MINIMUM CHARGE	:	1	1	0
		••				
į						

No claims for shortage in weight or count will be entertained, unless presented within 5 working days after receipt of materials by customer.







RELEASE NOTE

PAGE:

GST No.: R105468102

OAK 82323-1

HEAD OFFICE 1371 SPEERS ROAD, OAKVILLE, ONTARIO CANADA L6L 2X5 Tel: (905) 827-4171 Fax: (905) 827-7489 2009 Wyecroft Road, Unit B OAKVILLE, ONTARIO CANADA L6I 6J4

Tel: (905) 827-7377 FAX: (905) 827-1380

QUEBEC DIVISION 7450 RUE VÉRITÉ STREET, ST. LAURENT, QUÉBEC CANADA H4S 1C5 Tel.: (514) 334-4240 Fax: (514) 334-6269

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1

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BILL TO: DART AEROSPACE LTD.

1270 ABERDEEN ST. HAWKESBURY, ON

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1270 ABERDEEN ST. HAWKESBURY, ON

K6A 1K7

K6A 1K7

DATE SHIPPED	SHIP VIA	F.O.B.
12/19/2006		ORIGIN
CUSTOMER P/O No.	JOB No.	TERMS
(59048) wxybill a		COD

QTY ORD QTY SHPD **TEST RESULTS** PART No. DESCRIPTION UOM EΑ 20 20 D3046 -041 Process Specifications: HEAT TREATED TO H900 COND. (190 KSI) 100% HARDNESS CHECKED AS PER ASTM E-18 U 06-12-21 MATERIAL: 17-4 PH B29749 100% HARDNESS TESTER

I hereby certify that the material covered by this release note has been inspected and tested and conforms to all specifications relevant thereto in accordance with the conditions of the contract / or purchase order.

ON BEHALF OF VAC AERO INTERNATIONAL INC.

Authorized Q.C. Inspecto

HEAT **TREATING**

